
Enida SHEME

Tirana, Albania; Email: enida.sheme@gmail.com, esheme@fti.edu.al; D.B: 03.07.1985

EDUCATION

Ph.D. in Computer Engineering, *Polytechnic University of Tirana, Albania* 03/2012 – 10/2016
Thesis: “Increasing Data Center Energy Efficiency by using Renewable Energy”
Supervisor: Prof. Neki FRASHERI

M.Sc. in Computer Engineering, *Polytechnic University of Tirana, Albania* 10/2006 – 03/2011
Thesis: “Implementation and evaluation of a sleep-proxy for energy savings in networked computers”
Supervisor: Prof. Neki FRASHERI

B.Sc. in Computer Engineering, *Polytechnic University of Tirana, Albania* 10/2003 – 09/2006
Thesis: “Design and implementation of a wireless hotspot at the University”
Supervisor: Prof. Asoc. Gent Daci

EMPLOYMENT

Head of Computer Engineering Department 27/08/2020 – Present
Faculty of Information Technology, Polytechnic University of Tirana

Lecturer, Polytechnic University of Tirana, Albania 01/2012 – Present
Computer Engineering Department

Part time Lecturer, University of New York Tirana 10/2018 – Present

Researcher, Staff Exchange Research visit 08/2017 – 09/2017
Abo Akademi University, Turku, Finland

Researcher, Staff Exchange Research visit 02/2016 – 03/2016
Paul Sabatier University, Toulouse, France

Researcher, Staff Exchange Research visit 09/2015 – 11/2015
Abo Akademy University, Turku, Finland,

Project coordinator between University and Protik Organization 10/2012 – 06/2013

Part time lecturer, “Logos” University, Tirana, Albania 10/2011 – 02/2013

Part time lecturer, “Aleksander Moisiu” University, Durrës, Albania 10/2009 – 02/2010

Head of IT Department, Municipality of Tirana 01 / 2009 – 10/2011
General Directorate of Local Taxes

Administrative roles, Taxes Software maintenance, Oracle Database reports

IT Specialist, Municipality of Tirana 05/2008 – 12/2008
IT Department

PUBLICATIONS AND CONFERENCES

Elinda Kajo Mece, Enida Sheme, Evis Trandafil, Carlos Juiz, Beatriz Gómez, Ricardo Colomo-Palacios. Governing IT in HEIs: mapping experiences. Business Systems Research, 2020.

Ariel Oleksiak; Laurent Lefevre; Pedro Alonso; Georges Da Costa; Vincenzo De Maio; Neki Frasheri; Victor M. Garcia; Joel Guerrero; Sebastien Lafond; Alexey Lastovetsky; Ravi Reddy Manumachu; Benson Muite; Anne-Cecile Orgerie; Wojciech Piatek; Jean-Marc Pierson; Radu Prodan; Patricia Stolf; **Enida Sheme**; Sebastien Varrette. *Energy aware ultrascale systems (5th chapter)*, *Ultrascale Computing Systems*. January 2019, e-ISBN: 9781785618345, Book DOI 10.1049/PBPC024E.

Coauthor in “Information Technology for high school (11)” in Kosovo, “PEGI” Publisher, May 2019.

Coauthor in “Information Technology for high school (10)” in Kosovo, “PEGI” Publisher, February 2019.

Scientific Editor in “Information Technology for high school (12)” in Albania, “PEGI” Publisher, May 2018.

Enida Sheme, Sebastien Lafond, Dorian Minarolli, Elinda Kajo Mece, Simon Holmbacka: *Battery Size Impact in Green Coverage of Datacenters Powered by Renewable Energy: A Latitude Comparison*. In 6th International Conference on Emerging Internet, Data and Web Technologies, EIDWT 2018. March 2018, Tirana, Albania.

Dorian Minarolli, Elinda Kajo Mece, Enida Sheme, Igli Tafa: *SimpleCloud: A Simple Simulator for Modeling Resource Allocations in Cloud Computing*. In 6th International Conference on Emerging Internet, Data and Web Technologies, EIDWT 2018. March 2018, Tirana, Albania.

Enida Sheme – Local Organizing Committee Co-Chairs, The 6th International Conference on Emerging Internet, Data & Web Technologies (EIDWT). March 15-17, 2018, Polytechnic University of Tirana, Albania.

E. Sheme, S. Holmbacka, S. Lafond, D. Lucanin, Neki Frasheri: *Feasibility of Using Renewable Energy to Supply Data Centers in 60 Degrees North Latitude*, Journal of Sustainable Computing: Informatics and Systems, SUSCOM216. ISSN: 2210-5379 Published by Elsevier. Accepted 31 Oct 2017.

Enida Sheme, Patricia Stolf, Georges Da Costa, Jean-Marc Pierson, Neki Frasheri: *Efficient Energy Sources Scheduling in Green Powered Datacenters: A Cloudsim Implementation*. In Proceedings of the Third International Workshop on Sustainable Ultrascale Computing Systems (NESUS 2016), October, 6-7, 2016, Sofia, Bulgaria.

S. Holmbacka, E. Sheme, S. Lafond, N. Frasheri. “*Geographical Competitiveness for Powering Datacenters with Renewable Energy*”. In Proceedings of the Third International Workshop on Sustainable Ultrascale Computing Systems (NESUS 2016), October, 6-7, 2016, Sofia, Bulgaria.

E. Sheme, S. Holmbacka, S. Lafond, D. Lucanin, Neki Frasheri: *Datacenters powered by renewable energy: A case study for 60 degrees latitude north*. In 24th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), 22-24 Sept. 2016, Split, Croatia.

E. Sheme, N. Frasheri. *Implementing Workload Postponing in Cloudsim to Maximize Renewable Energy Utilization*. In International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 6, Issue 8, (Part - 3) August 2016, pp.23-28.

E. Sheme, N. Frashëri. “*Using Renewable Energy to Supply Datacenters: Case Study for Albania*”, In Journal of Natural and Technical Sciences (JNTS) of the Academy of Sciences of Albania, Volume XXI (1), May 2016, Tiranë, Albania. ISSN (Online): 2409-4285.

E. Sheme, N. Frasheri. “*Software Tools and Techniques for Energy Efficiency in Data Centres*”. In International Journal on Information Technologies and Security, No 3 (vol. 7), 2015.

E. Sheme, N. Frasheri. Overview and Comparison of Software Tools for Power Management in Data Centers. 15th Workshop on Software Engineering Education and Reverse Engineering, Bohinj, August 24 - 29, 2015.

E. Sheme, N. Frasheri. “*Green Cloud Computing Trends*”. 8th Annual South East European Doctoral Student Conference, 2013, Thessaloniki – Greece.

E. Sheme, N. Frasheri, M. Aranitasi. “*Implementation and evaluation of a sleep-proxy for energy savings in networked computers*.” International Conference BCI'2012, Novi-Sad, Serbia.

TEACHING SUBJECTS

Introduction to Computer Science, Introduction to Algorithms and Data Structures, C Programming, C++ Programing, Software Project Management, Web Programming, Computer Applications.

TECHNICAL SKILLS

Operating Systems: Windows, Linux basics (Ubuntu)
Programming Languages: C, Python
Design: Html, Javascript, Php, Joomla
Databases: MySQL, Oracle basics

PERSONAL SKILLS

Hard-working, correct, serious and devoted, highly-motivated and ambitious, social, easy to communicate with, enthusiast, collaborating and supportive. I always give my best in individual work and team-working too.

I love education, counseling and inspiring people.

Fond of foreign languages and intercultural exchange promoter.

LANGUAGES

ENGLISH	fluently speaking, reading, writing English Language Certificate, <i>IELTS 6.5</i>
ITALIAN	fluently speaking, reading, writing Italian Language Certificate, " <i>University of Foreign Languages</i> ", Tirana, Albania
FRENCH	basic reading and understanding

TRAININGS AND CERTIFICATES

- ✓ 3rd NESUS Winter School and PhD Symposium on Data Science and Heterogeneous Computing, 22-25 January 2018, Zagreb, Croatia.
- ✓ "The business of Startup, Learn – Design - Launch", by Innovation Hub and Ministry of Innovation and Public Administration. 3-5 March 2017, Tirana, Albania.
- ✓ "Using Global Business Practices and Technology to improve your organization", by "**Sotmeria**" NGO, December 2014, Tirana, Albania.
- ✓ "Certificate of appreciation for lasting contribution as a fair judge in the 6th Albanian Science and Engineering Fair Project Olympiad" for high school students, by **Albanian Science and Engineering Fair**, February 2013, Tirana, Albania.
- ✓ European **Grid Infrastructure Technical Forum** 2012 (<http://tf2012.egi.eu/>), September 2012, Prague, Czech Republic.
- ✓ University Career Development Center, by **USAID**, April 2012, Tirana, Albania.
- ✓ GIS Tirana application maintenance, by **Municipality of Tirana**, July 2010, Tirana, Albania.

AWARDS



- ✓ Erasmus+ KA2 Scholarship Award, Abo Akademy University, Turku, Finland, July 2017.
- ✓ Nesus STSM grant award, Paul Sabatier University, Toulouse, France, March 2016.
- ✓ Euroweb+ Erasmus Mundus A2 Scholarship Award, Abo Akademy University, Turku, Finland, June 2015.
- ✓ AMC grant award for "First place in Polytechnic University Acceptance Test", by National ranking, September 2003.